Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION **TRANSMITTAL**

| Attorr | ney Docket No. | | | |
|----------------------|----------------|------------------------------|--|--|
| i ii st ii iv ciitoi | | Edward Samson Chiu | | |
| Title | Mixing fauce | t having multiple discharges | | |
| | | | | |

| (Only for new nonprovision | al applications under 37 CFR 1.53(b)) | Ехрі | ress Mail Label No | .] | | |
|---|--|---------------|--|---|---|--|
| APPLICATION ELEMENTS | | | DDRESS TO: | Assistant Con Box Patent Ap | nmissioner for Patents | |
| | erning utility patent application content | s. | | Washington, | DC 20231 | |
| 2. Specification (preferred arrangement - Descriptive title - Cross Reference - Statement Regg - Reference to se or a computer p - Background of | [Total Pages 7] set forth below) of the invention to Related Applications arding Fed sponsored R & D quence listing, a table, rogram listing appendix the Invention | i | Computer Prog Nucleotide and/or Ami (if applicable, all nece a. Computer Re b. Specification Seque i. CD-Ro | ram (<i>Appendix</i> no Acid Seque ss <i>ary</i>) adable Form ((ence Listing or DM or CD-R (2 | chice Submission CRF) | |
| | n of the Drawings (if filed) | | ACCOMPANY | NG APPLIC | ATION PARTS | |
| - Detailed Description - Claim(s) - Abstract of the Drawing(s) (35 U | Disclosure S.C. 113) [Total Sheets 5 |] | 37 CFR 3.73(l) (when there is 11. English Trans | b) Statement s an assignee) lation Docume | neet & document(s)) Power of Attorney Int (if applicable) Copies of IDS | |
| b. Copy from a (for continual | [Total Pages 2 | , | Statement (ID 13. Preliminary A Return Recei (Should be sp Certified Cop | S)/PTO-1449 mendment pt Postcard (M ecifically itemia y of Priority Do | Citations PEP 503) zed) cument(s) | |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 | | | 15. (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Gedit Card Payment form | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No / Prior application information: Examiner Group Art Unit. For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | | |
| | 19. CORRESPO | NDENCE | ADDRESS | | | |
| Customer Number or Bar Co | ode Label Unsert Customer No. or Attac | h bar code fa | or (| Correspon | dence address below | |
| Name | Edward Samson Chiu | | | | | |
| Address City | 581 Campbell Ave. Windsor | Stat | | Zip C | Code N9B2H5 | |
| Country | Canada | Telephor | _e (519)252-20 | 708 Fa | ax (319)232-0163 | |
| Name (Print/Type) | Herman Chiu | | Registration No. (Atto | orney/Agent) | | |
| Signature | HERMANIN | | · | Date | 01/10/2002 | |

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PTO/SB/17 (10-01)
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

| Complete if Known | | | | |
|----------------------|--------------------|--|--|--|
| Application Number | | | | |
| Filing Date | | | | |
| First Named Inventor | Edward Samson Chiu | | | |
| Examiner Name | | | | |
| Group Art Unit | | | | |
| Attorney Docket No. | | | | |

| METHOD OF PAYMENT | FEE CALCULATION (continued) | | | |
|--|--|--------|--|--|
| 1. The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to: | 3. ADDITIONAL FEES | | | |
| indicated fees and credit any overpayments to: Deposit | Large Small | | | |
| Account | Entity Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe | e Paid | | |
| Number Deposit | Code (\$) Code (\$) | | | |
| Account Name | 105 130 205 65 Surcharge - late filing fee or oath | | | |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 | 127 50 227 25 Surcharge - late provisional filing fee or cover sheet | | | |
| Applicant claims small entity status | 139 130 139 130 Non-English specification | | | |
| See 37 CFR 1 27 | 147 2,520 147 2,520 For filing a request for ex parte reexamination | | | |
| 2. Payment Enclosed: Charles A Credit card Money Other | 112 920* 112 920* Requesting publication of SIR prior to Examiner action | | | |
| Check Credit card Morrey Other FEE CALCULATION | 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action | | | |
| | 115 110 215 55 Extension for reply within first month | | | |
| BASIC FILING FEE Large Entity Small Entity | 116 400 216 200 Extension for reply within second month | | | |
| Fee Fee Fee Fee Description | 117 920 217 460 Extension for reply within third month | | | |
| τους (ψ) σους (ψ) | 118 1,440 218 720 Extension for reply within fourth month | | | |
| 101 740 201 370 Utility filing fee 370.00 106 330 206 165 Design filing fee | 128 1,960 228 980 Extension for reply within fifth month | | | |
| 107 510 207 255 Plant filing fee | 119 320 219 160 Notice of Appeal | | | |
| 108 740 208 370 Reissue filing fee | 120 320 220 160 Filing a brief in support of an appeal | | | |
| 114 160 214 80 Provisional filing fee | 121 280 221 140 Request for oral hearing | | | |
| | 138 1,510 138 1,510 Petition to institute a public use proceeding | | | |
| SUBTOTAL (1) (\$) 370.00 | 140 110 240 55 Petition to revive - unavoidable | | | |
| 2. EXTRA CLAIM FEES Fee from | 141 1,280 241 640 Petition to revive - unintentional | | | |
| Extra Claims below Fee Paid | 78 | | | |
| Total Claims 5 -20** = 0 X 0.00 = 0.00 0.00 0.00 | 143 460 243 230 Design issue fee | | | |
| Claims Claims | 144 020 244 010 | | | |
| Multiple Dependent 0.00 = 0.00 | | | | |
| Large Entity Small Entity | | | | |
| Fee Fee Fee Fee Description Code (\$) Code (\$) | 581 40 581 40 Recording each patent assignment per | | | |
| 103 18 203 9 Claims in excess of 20 | property (times number of properties) | | | |
| 102 84 202 42 Independent claims in excess of 3 | 146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a)) | | | |
| 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 ** Reissue independent claims over original patent | 149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b)) | | | |
| | 179 740 279 370 Request for Continued Examination (RCE) | | | |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent | 169 900 169 900 Request for expedited examination of a design application | | | |
| SUBTOTAL (2) (\$) 0.00 | Other fee (specify) | | | |
| **or number previously paid, if greater: For Reissues, see above | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.0 | JO | | |

| SUBMITTED BY Complete (if applicable) | | | | f applicable) |
|---------------------------------------|-------------|--------------------------------------|-----------|---------------|
| Name (Print/Type) | Herman Chiu | Registration No. (Attorney/Agent) | Telephone | (519)252-0183 |
| Signature | HERMONIN | | Date | 01/10/2002 |

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